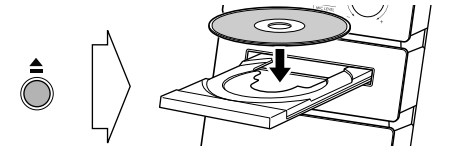


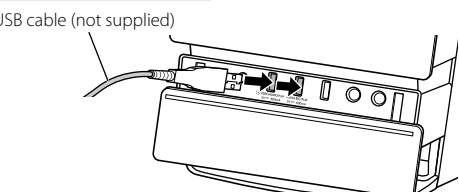
Listening to a Disc/USB Device

To insert a disc



• When using an 8 cm disc, place it on the inner circle of the disc tray.
To close the disc tray, press **▲** again.
To prohibit disc ejection (Child Lock)
When the System is turned on and the disc tray is closed, press **▲** while touching **■** (on the main unit). To cancel the prohibition, repeat the same procedure. "UNLOCKED" appears on the display.

To connect a USB device



The illustration above is for NX-D7.

■ Playing back a Disc/USB Device

- For NX-D7, you can play back only music files on the USB 2 terminal.

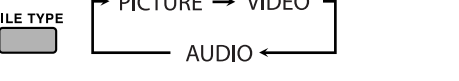
To start	
To pause	
To stop	

Resume Play (for DVD/CD or USB1)

The System can store the stop point, and when you start playback again by pressing **▶**, DVD/CD **▶** or USB 1 **▶** (even while on standby), it starts from the position where you have stopped—Resume Play. To stop completely while Resume is activated, press **■** twice.

To select the file type (for DVD/CD or USB1)

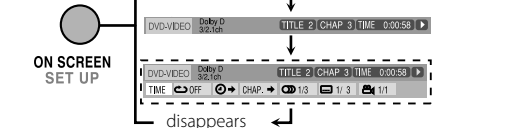
If different types of playable files (audio/still picture/ moving picture) are recorded, select a file type to play. While playback is stopped...



On-screen Operations

■ Operating the On-screen Bar

1 Display the entire on-screen bar while playing.
Ex: While "DVD/CD" is selected as the source...



2 Select (highlight) the function using the cursor buttons then press ENTER/SET.

Function icons

	Time indications: Press repeatedly ENTER/SET to change the timer indication. TIME: Elapsed playing time of the current chapter/track (not applicable for DVD-VR). REM: Remaining time of the current chapter/ track (not applicable for DVD-VR). TOTAL: Elapsed disc time. T.REM: Remaining time of title (DVD Video)/ original program (DVD-VR)/disc (SVCD/ VCD).
	Repeat Mode: Select the desired option in the pop-up window using the cursor buttons then press ENTER/SET. A-B: Repeats a desired portion. ① Press ENTER/SET at the start point during play. ② Press ENTER/SET at the end point during play. A-B repeat starts. TITLE: Repeats the current title. ALL: Repeats the disc (not applicable for DVD) or programmed tracks. CHAPTER: Repeats the current chapter. TRACK: Repeats the current track. OFF: Cancels Repeat Mode.
	Time search (hours/minutes/seconds): Enter the time in the pop-up window using the number buttons then press ENTER/SET. • Always enter the hour digit (even "0" hours), • To correct a mis-entry, press ◀ to erase the last entry.
	Chapter search: Enter the chapter number in the pop-up window using the number buttons then press ENTER/SET. • To correct a mis-entry, press the number buttons until the desired number is shown in the pop-up window.
	Audio language or channel, Subtitle language, View angle: Select the desired option in the pop-up window using the cursor buttons then press ENTER/SET.

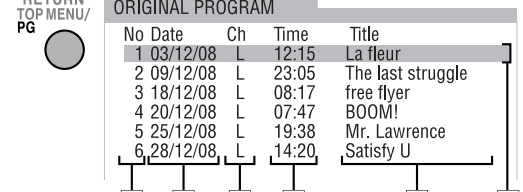
To clear the on-screen bar, press ON SCREEN again.

■ Control Screen Operations

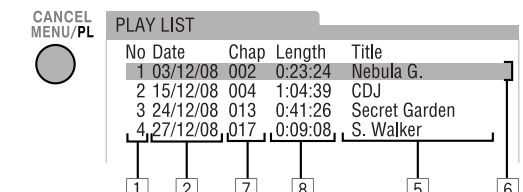
You can search for and play the desired items through the control screen.

For DVD-VR

Ex.: When Original Program is selected.



Ex.: When Play List is selected.

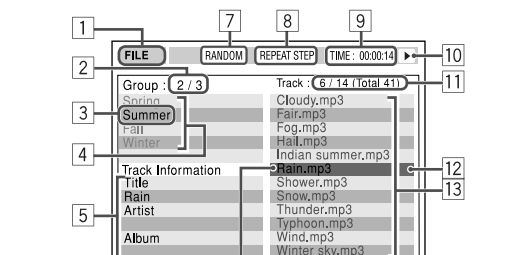


1 Listed number
2 Recording/creating date
3 Recording channels
4 Recording time

5 Title
6 Highlight bar
7 Chapters included
8 Playback time

For MP3/WMA/WAV/JPEG/MPEG-1/MPEG-2/ASF/DivX files

Ex: While playing an MP3 file on a disc.

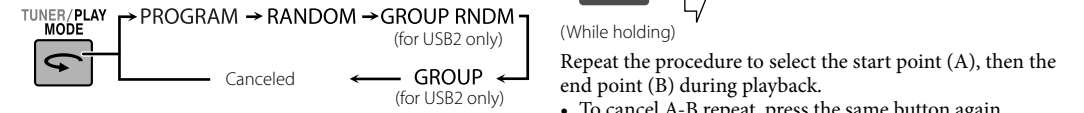


1 Current source
2 Current group number/ total group number
3 Current group
4 Group list
5 File information (only for MP3/WMA/WAV files)
6 Current file
7 Random Play/Program Play setting (for "DVD/ CD")

8 Repeat Play setting
9 Elapsed playing time of current file (not applicable for JPEG files)
10 Operation status icon
11 Current file number/ total number of files in the current group (total number of files)
12 Highlight bar (current selection)
13 File list

■ Program Play/Random Play/Group Play

- Program Play/Random Play cannot be used for "USB1," DVD-VR and JPEG/MPEG-1/MPEG-2/ASF/DivX files on a disc, and some DVDs.
Ex: For USB2



To exit Program Play or Random Play, press PLAY MODE repeatedly until PRGM, RND, and GR indicator are all off before or after playback.

PROGRAM—To program the playing order.

- You can arrange the playing order of the chapters/tracks/ files (up to 99) before you start playback.
- Resume does not work for Program Play.

For DVD/CD:

- Press PLAY MODE repeatedly to select PROGRAM.
- Select chapters/tracks/files you want for Program Play using the number buttons.
 - For DVD Video and MP3/WMA/WAV files: Select a title or group number, then select a chapter or track/file number.
- Repeat step ② until you complete your program.
- Start playback.

For USB2:

- Select chapters/tracks/files you want for Program Play using the number buttons and press ENTER/SET.
- Repeat step ① until you complete your program.
- Press PLAY MODE repeatedly to select PROGRAM.
- Start playback.


RANDOM—To play all the tracks/chapters at random.

GROUP RNDM (Group Random) (for USB2 only)—To play all tracks in a group at random.

GROUP (for USB2 only)—To play only tracks in the specified group.

■ Playing Repeatedly

Press REPEAT repeatedly to select Repeat Mode.



- Repeat Mode varies depending on the medias or the files.

REPEAT CHAP	Repeats the current chapter.
REPEAT TITL	Repeats the current title.
REPEAT TRK	Repeats the current track/file.
REPEAT GRP	Repeats the current group.
REPEAT PG	Repeats the current original program.
REPEAT PL	Repeats the current Play List.
REPEAT ALL	Repeats all the contents or programmed tracks/files.
REPEAT OFF	Canceled.

Setup Menu

You can change the settings of the System.

- The Setup Menu can be used only when "DVD/CD" or "USB1" is selected as the source.

- When playback is stopped, press SET UP while holding SHIFT to display the Set up Menu.
- Select the menu and item using the cursor buttons.
- Press ENTER/SET.
- Select the options using the cursor buttons, then press ENTER/SET.

To clear the Setup Menu, press SET UP (while holding SHIFT).

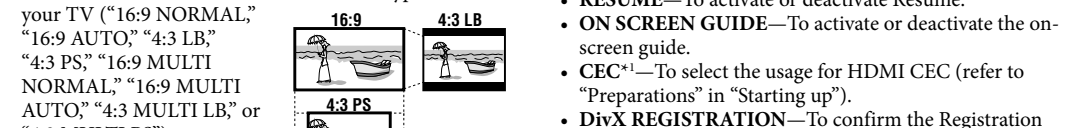
Menus and items

LANGUAGE

- MENU LANGUAGE—To select initial menu language for DVD Video.
- AUDIO LANGUAGE—To select initial audio language for DVD Video.
- SUBTITLE—To select initial subtitle language for DVD Video or select "OFF".
- ON SCREEN LANGUAGE—To select "ENGLISH," "CHINESE" or "SPANISH" as the on-screen language.

PICTURE

- MONITOR TYPE—To select the monitor type to match your TV ("16:9 NORMAL," "16:9 AUTO," "4:3 LB," "4:3 PS," "16:9 MULTI NORMAL," "16:9 MULTI AUTO," "4:3 MULTI LB," or "4:3 MULTI PS").



**1 Only for NX-D7/NX-D5*

Optical Digital Out Signals			
Playback disc/file	DIGITAL AUDIO OUTPUT		Output Signals
	STREAM/PCM	DOLBY DIGITAL/PCM	PCM ONLY
DVD Video with 48 kHz, 16/20/24 bit Linear PCM	48 kHz, 16 bit Linear PCM ^{*2}		
DVD Video with 96 kHz, Linear PCM	48 kHz, 16 bit Linear PCM		
DVD Video with Dolby Digital	Dolby Digital bitstream	48 kHz, 16 bit Linear PCM	
DVD Video with DTS	DTS bitstream	48 kHz, 16 bit Linear PCM	
DVD-R/-RW in DVD-VR format with 48 kHz, 16/20/24 bit Linear PCM	48 kHz, 16 bit Linear PCM ^{*2}		
DVD-R/-RW in DVD-VR format with Dolby Digital	Dolby Digital bitstream	48 kHz, 16 bit Linear PCM	
SVCD/VCD/CD	44.1 kHz, 16 bit Linear PCM/48 kHz, 16 bit Linear PCM		
CD with DTS	DTS bitstream	44.1 kHz, 16 bit Linear PCM	
MP3/WMA/WAV/MPEG-1/MPEG-2/ASF	32/44.1/48 kHz, 16 bit Linear PCM		
DivX with MP2, MP3	32/44.1/48 kHz, 16 bit Linear PCM		
DivX with Dolby Digital	Dolby Digital bitstream	32/44.1/48 kHz, 16 bit Linear PCM	

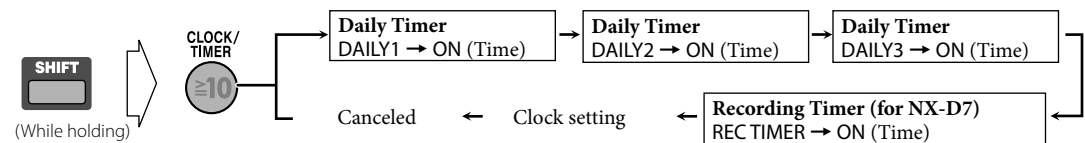
^{*2} While playing some DVDs, digital signals may be emitted at 20 bits or 24 bits (at their original bit rate) through the OPTICAL DIGITAL OUTPUT terminal if the discs are not copy-protected.

Timer Operations

■ Setting the Clock

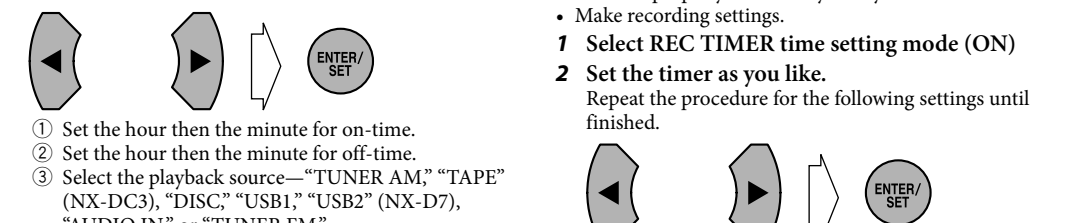
Without setting the built-in clock, you cannot use Daily Timer or Recording Timer (for NX-D7).

- While holding SHIFT, press CLOCK/TIMER.
 - If you have already adjusted the clock before, press the button repeatedly until the clock setting mode is selected (see below).
- Adjust the hour, then the minute using the cursor buttons, press ENTER/SET.
 - To exit the clock settings, press CLOCK/TIMER (while holding SHIFT) as required.
 - To return to the previous step, press CANCEL (while holding SHIFT).



■ Setting the Daily Timer

- Select DAILY 1 ~ 3) time setting mode (ON)
- Set the timer as you like.
Repeat the procedure for the following settings until finished.



- Set the hour then the minute for on-time.
- Set the hour then the minute for off-time.
- Select the playback source—"TUNER AM," "TAPE" (NX-DC3), "DISC," "USB1," "USB2" (NX-D7), "AUDIO IN," or "TUNER FM."
- For "TUNER AM" or "TUNER FM": Select a preset channel.
For "DISC": Select the title/group number, then the chapter/track/file number.
For "USB1/2": Select the group number, then the track/file number.
- Select the volume level ("MIN" to "MAX" and "– –"). If you select "– –", the volume is set to the same level as when the System was last turned off.

Once settings are completed, the timer setting information appears in sequence.

- Turn off the System (on standby), if you have set the timer with the System turned on.
** You can select up to 99 groups and 150 chapters/tracks/files.*

To cancel the Daily Timer, select DAILY 1 ~ 3) you want to cancel, then press CANCEL (while holding SHIFT).

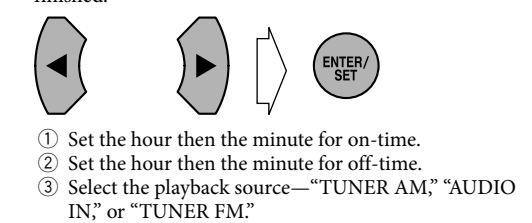
To turn on the Daily Timer, select DAILY 1 ~ 3) you want to turn on, then press ENTER/SET.

■ Setting the Recording Timer (for NX-D7)

Preparation:

- Connect a USB device to the USB 2 terminal.
- Change the source to "USB2" and check that the USB device is properly detected by the System.
- Make recording settings.

- Select REC TIMER time setting mode (ON)
- Set the timer as you like.
Repeat the procedure for the following settings until finished.



- Set the hour then the minute for on-time.
- Set the hour then the minute for off-time.
- Select the playback source—"TUNER AM," "AUDIO IN," or "TUNER FM."
- For "TUNER AM" or "TUNER FM": Select a preset channel.
- Select the volume level ("MIN" to "MAX" and "– –"). If you select "– –", the volume is set to the same level as when the System was last turned off.

Once settings are completed, the timer setting information appears in sequence.

- Turn off the System (on standby), if you have set the timer with the System turned on.
Recorded files are stored into the group named "TIMER."

To cancel the Recording Timer, select REC TIMER, then press CANCEL (while holding SHIFT).

To turn on the Recording Timer, select REC TIMER, then press ENTER/SET.

Sound & Picture Adjustments

■ Adjusting the Sound

Various Bass Effect—To create a sound suitable for the playback source.

On the main unit	On the remote

LITeEASY	Suitable for Karaoke and classical music. You can obtain a comfortable bass sound.
MOVIE	Suitable for a video source and playback of external component. You can obtain a strong bass sound.
TECHNO	Suitable for disco or techno music. You can obtain a strong bass sound.
TURBO	Suitable for most kinds of music and playback of external component. You can obtain a balanced bass sound.
AUTO	The System automatically applies TURBO, LITeEASY, MOVIE or TECHNO according to the playback source (initial setting).
OFF	No sound effect.

3D PHONIC/ HP SURR

Headphone Surround—To enjoy a surround effect while listening through headphones.

- This only functions while listening to disc/USB device.
- This does not function for MPEG-1/MPEG-2/ASF/DivX files.

SURR ON	HP Surround is activated.
SURR OFF	Canceled.

C VOICE

Clear Voice (for DVD/CD and USB1)—To make dialogues clear for a center channel signal on multi-channel software, and 2-channel software with 3D Phonic activated

■ Selecting the Sound Modes

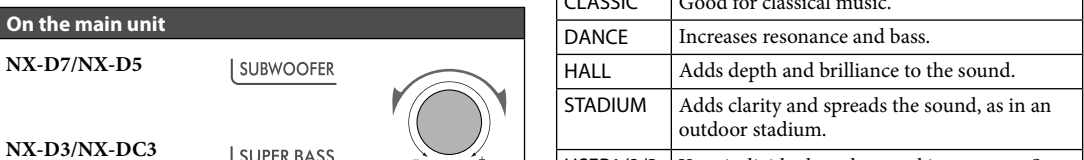
Sound Mode (for DVD/CD and USB1)—To select one of the preset Sound Modes

ROCK	Boosts low and high frequency. Good for acoustic music (initial setting).
POP	Good for music with an emphasis on vocal.
CLASSIC	Good for classical music.
DANCE	Increases resonance and bass.
HALL	Adds depth and brilliance to the sound.
STADIUM	Adds clarity and spreads the sound, as in an outdoor stadium.
USER1/2/3	Your individual mode stored in memory. See below.
FLAT	Canceled.

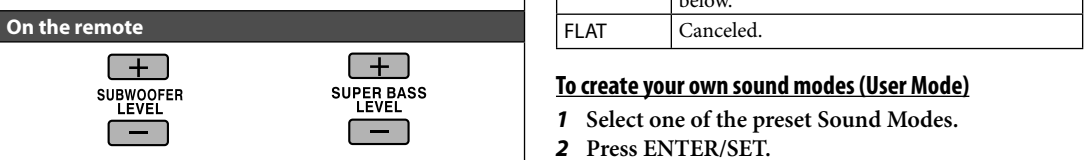
Subwoofer level adjustment (for NX-D7/NX-D5)
—From level 1 to level 5

Superbass level adjustment (for NX-D3/NX-DC3)
—From level 1 to level 5

On the main unit



On the remote



3D PHONIC/ HP SURR

3D Phonic (for DVD/CD and USB1)—To create 3-dimensional sound field

- This does not function for MPEG-1/MPEG-2/ASF/DivX files.

ACTION	Suitable for action movies and sports programs.
DRAMA	Creates natural and warm sound. Enjoy movies in a relaxed mood.
THEATER	Enjoy sound effects like in a major theater.
OFF	Canceled.

To create your own sound modes (User Mode)

- Select one of the preset Sound Modes.
- Press ENTER/SET.
- Press **◀** or **▶** to select BASS (bass) or TRE (treble) to adjust.
- Press **▲** or **▼** to adjust the parameters then press ENTER/SET.
- Press **◀** or **▶** to select one of the user modes (USER1–3) to store your setting into.
- Press ENTER/SET to finish.

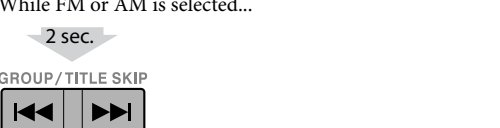
Listening to the Radio

To select the AM tuner interval spacing

- Select "TUNER AM."
- On the main unit, while pressing KARAOKE SCORING, touch **◀◀** or **▶▶** to select the AM tuner interval spacing (9 kHz or 10 kHz).

■ Tuning in to a Station

While FM or AM is selected...




Frequency starts changing on the display. When a station (frequency) with sufficient signal strength is tuned in, the frequency stops changing.

- When you repeatedly press the button, the frequency changes step by step. To manually stop the search, press either button.
- The ST indicator lights while an FM stereo station with sufficient signal strength is tuned in.

If the FM reception is poor

TUNER/PLAY MODE



The MONO (monaural) indicator lights on the display. Reception will improve though stereo effect is lost—Monaural reception.

To restore the stereo effect, press the button again. The MONO (monaural) indicator disappears.

■ Presetting the Stations

You can preset 30 FM and 15 AM stations.

- Tune in to a station you want to preset.**
 - You can also store the monaural reception mode for FM preset stations if it has been selected.
- Press ENTER/SET to activate the preset number entry mode.
 - Finish the following process while the indication on the display is flashing.
- Select a preset number for the station you store using the number buttons.
- Press ENTER/SET to store the station.

To tune in to a preset station

- Select the band (FM or AM).
- Select the preset number using the number buttons.

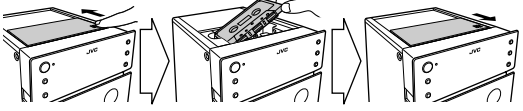
Listening to a Tape (for NX-DC3)

To insert or remove a tape

You can play back a type I tape.

- The use of C-120 or longer tape is not recommended.

Open Insert* Remove Close



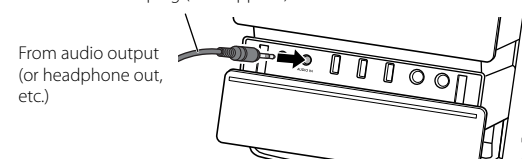
** With the tape side facing front*

To start		To stop	
To rewind and fast forward			

Listening to External Equipment

To connect a digital audio player

You can listen to the digital audio player connected to the AUDIO IN jack.



Stereo mini plug (not supplied)

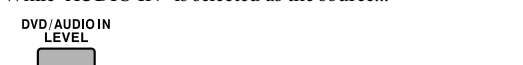
From audio output (or headphone out, etc.)

- Make sure to turn down the volume on the System to minimum level before starting playback.

To adjust the audio input level

If the sound from the device connected to the AUDIO IN jack is too loud or too quiet, you can preset the audio input level through the AUDIO IN jack (without changing the volume level).

While "AUDIO IN" is selected as the source...



- As the number of the level increases, the preset input level is increased.

Enjoying Karaoke

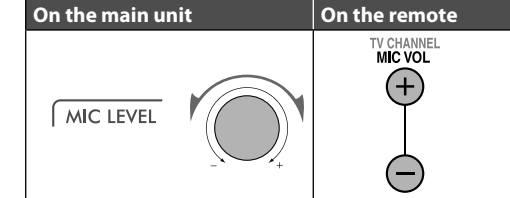
DO NOT keep the microphones connected while they are not in use.

IMPORTANT

- Always set MIC LEVEL to "MIN" (0) before disconnecting the microphone.
- MIC LEVEL adjustment is valid for both microphones connected to the MIC 1 and MIC 2 jacks.
- For NX-D5/NX-D3/NX-DC3: While Mic Mixing is activated, recording and editing are not available.
- For NX-D7: Mic Mixing cannot be activated or deactivated while recording.

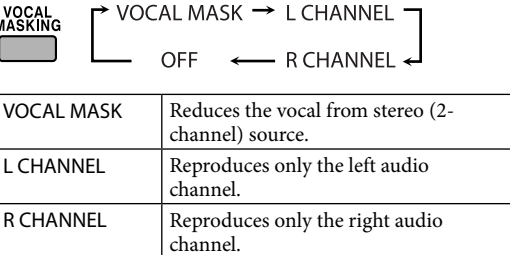
■ Singing Along (Karaoke)

- For NX-D7: If you start recording while Mic Mixing is activated, the sound and your singing are recorded in analog.
- 1 Connect the microphone(s) (not supplied) to the MIC 1 and/or MIC 2 jack.**
 - Mic Mixing will be automatically activated.
 - If a microphone is already connected and Mic Mixing is not activated, press MIC MIX to reactivate Mic Mixing.
- To cancel the Mic Mixing, press MIC MIX.**
- 2 Start playing a source.**
- 3 Sing into the microphone.**
- 4 Adjust the microphone level and volume.**



■ Adjusting the Sound Track for Karaoke

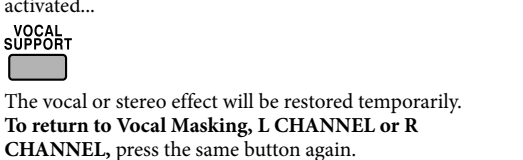
While Mic Mixing is activated...



To return to normal playback, select "OFF"

To restore the vocal temporarily

While Vocal Masking, L CHANNEL or R CHANNEL is activated...

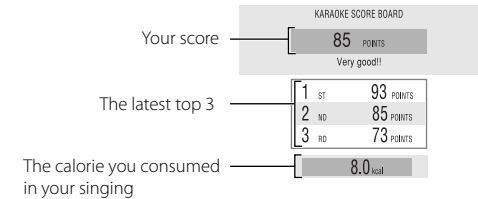


■ Scoring Your Karaoke Skill (for DVD/CD and USB1)

- It is recommended to select the sound track as follows:
 - For Karaoke DVD Video:** Select a sound track with vocal.
 - For Karaoke SVCD/CD:** Select "ST1," "ST1" or "ST2."
- After selecting a sound track, select VOCAL MASK, L CHANNEL or R CHANNEL using the VOCAL MASKING button.
- 1 Select "DVD/CD" or "USB1" as the source.**
- 2 Connect the microphone(s).**
- 3 Press KARAOKE SCORING to activate Karaoke Scoring.**
 - To cancel Karaoke Scoring before playback, press the same button again. "KSCORE OFF" appears on the display.
- 4 Start playback and sing into the microphone.**
 - Scoring starts.
 - The K.SCORING indicator flashes during scoring.
 - When you press ◀◀ or ▶▶, Karaoke Scoring is canceled and the selected track/file restarts.

Result of the scoring

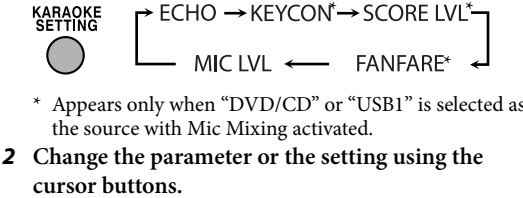
After the song ends, playback stops and the score board appears on the TV screen with fanfare.



- When you press **H**, scoring is canceled. When playback starts again, scoring starts from that point.
- If you do not sing for about 2 minutes after Karaoke Scoring starts, Karaoke Scoring is canceled.
- To obtain a correct scoring result, it is recommended to sing the song completely. If the singing time is less than 3 minutes, the scoring result may be "0" or incorrect.

■ Changing the Karaoke Setting

- Select the item you want to change.



ECHO—To apply an echo to your voice.

- You can adjust the echo level from ECHO OFF (no effect) to ECHO 6 (strongest).

KEYCON—To adjust the key only while playing.

- This function is not available for ASF and DivX files.
- Key adjustment will be canceled when you deactivate Mic Mixing, or select another track or file, or change the disc.
- You can adjust the key level from +6 to -6.

To return to normal key, select "0."

PRO	Calculation level is strict.
AMATEUR	Calculation level is lenient.

FANFARE—To turn on/off the fanfare.

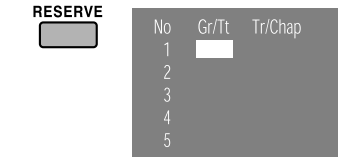
MIC LVL—To change the mic volume.

- The mic volume level can be adjusted in 16 steps from MIN (0) to MAX (15).

■ Reserving Karaoke Songs—Karaoke Program Play (for DVD/CD)

You can determine the playback order. You can program up to 12 steps.

- Select "DVD/CD" as the source.
- Start and stop playback of the disc.
- Connect the microphone(s).
- Activate Karaoke Program Play.



- The PRGM indicator flashes during this mode.

- Select songs you want for Karaoke Program Play.**
 - Press the number buttons to select songs in the following order.
 - Select a title/group.
 - Select a chapter/track/file.
 - To cancel the procedure, press RESERVE. The PRGM indicator disappears.
- Start playback.**
 - Karaoke Reserve screen disappears and playback starts in the order you have programmed.
 - For the Karaoke Program Play with Karaoke Scoring:** Each time the song ends, playback stops and the score board appears. Press ▶ to start playback of the next track.

- Sing into the microphone.

- Adjust the microphone level and volume.

To check the programmed contents

- Press RESERVE to display Karaoke Reserve screen.
- You cannot display Karaoke Reserve screen while Karaoke Scoring is in use.

To modify the program

Press RESERVE to display Karaoke Reserve screen.

To erase the unwanted step:

- Select the step you want to erase using the cursor buttons.



- Press CANCEL while holding SHIFT.

- To erase the entire program, repeat the procedure.

To add steps in the program:

Repeat step 5.

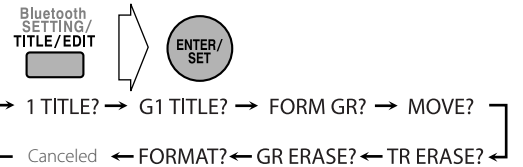
Editing Operations

■ Editing Titles to Tracks or Groups

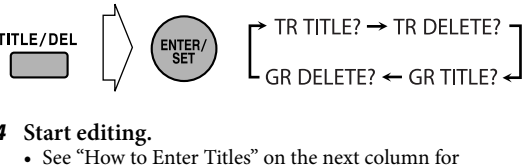
- You cannot edit the group "GROUP1" (root).

- Start and stop playback of the USB device.
- Select a group/track you want to edit.
-

For NX-D7 (USB2)



For NX-D5/NX-D3/NX-DC3



- Start editing.

- See "How to Enter Titles" on the next column for editing titles.

- Press ENTER/SET to finish.

- To go back to the previous step, press TITLE/EDIT or TITLE/DEL.
- To quit editing, press CANCEL while holding SHIFT.

1 TITLE? or TR TITLE?—To edit the track title.

G 1 TITLE or GR TITLE?—To edit the group title.

- You can give titles to the tracks and groups.
 - For NX-D7: Up to 64 characters
 - For NX-D5/NX-D3/NX-DC3: Up to 24 characters for a track and up to 28 characters for a group

FORM GR? (NX-D7)—To make a new group.

You can make up to 999 groups (NX-D7 only). When you record a 1000th group, "GROUP FULL" appears on the display and no group will be made.

MOVE? (NX-D7)—To move the track into another group.

After selecting "MOVE?"...

- Press **◀◀/▶▶** to select a track to move, then press ENTER/SET.
- To select a destination group, press GROUP/TITLE SKIP while holding SHIFT, then press ENTER/SET.
- Press **◀◀/▶▶** to select the new track number in the destination group for the target track.
- Press ENTER/SET to start moving.

TR ERASE? or TR DELETE?—To erase the track.

On NX-D7, you can erase up to 15 tracks at a time.

GR ERASE? or GR DELETE?—To erase the group.

FORMAT? (NX-D7)—To erase all tracks and groups.

When you erase all tracks, files other than music are also erased.

■ How to Enter Titles

- Select the character type.



- Enter a character using the number buttons, then press ENTER/SET to confirm the entry.

Available characters

Button	Uppercase character	Lowercase character	Numerical character
MARK 1	(Space), !, #, \$, %, &, ' (,), +, -, ., =, @, ~, _		1
ABC 2	ABC	abc	2
DEF 3	DEF	def	3
GHI 4	GHI	ghi	4
JKL 5	JKL	jkl	5
MNO 6	MNO	mno	6
PQRS 7	PQRS	pqrs	7
TUV 8	TUV	tuv	8
WXYZ 9	WXYZ	wxyz	9
A,STBY 0	—	—	0

To erase a character

When the character entry position is on the character you want to erase, press CANCEL while holding SHIFT.

To enter a space

Select the space by pressing MARK. (See "Available characters" above.)

- You can also enter a space at the end of a title using the cursor buttons.

Display Message for Recording or Editing Operations

NO DEVICE, NO USB

- No USB device is connected or the connected USB device is not compatible with this System.

PROHIBIT (for NX-D5/NX-D3/NX-DC3)

- The USB device is prohibited from editing file/group.
- The same title has been recorded.

TRACK FULL

- The USB device exceeds the maximum number of files it can store.

SCMS ERROR

- You have tried to copy from a duplicated disc to the USB device.

DEVICE ERR

- The unit has failed to read the USB device.

CAN'T REC

- The music cannot be recorded.

DATA FULL

- The capacity of memory for USB device is full.
- The USB device is write-protected (for NX-D7).

TR PRTECTED (for NX-D7)

- The track is write-protected by other components.

PROTECTED (for NX-D5/NX-D3/NX-DC3)

- The USB device is write-protected.

NO AUDIO (for NX-D7 only)

- No music file is recorded in the USB device connected to the USB2 terminal.

CAN'T PLAY

- Playable format file does not exist in USB device.

Using the Bluetooth® Device (for NX-D7)

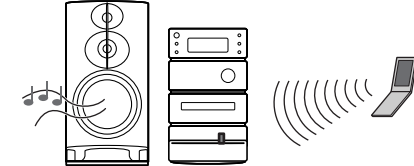
The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Victor Company of Japan, Limited (JVC) is under license. Other trademarks and trade names are those of their respective owners.

- The System supports only Bluetooth audio player using AVRCP or A2DP profile.
- When you are using the mobile phone as the Bluetooth audio player, you cannot listen to the talking voice from the speaker of the System.

What you can do with Bluetooth

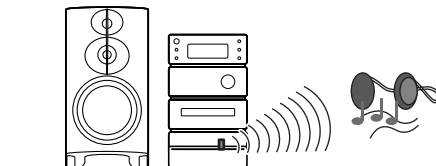
To listen to a Bluetooth audio player

You can listen to the music played back on a Bluetooth audio player (i.e. mobile phone, audio player, personal computer, etc.) from the speakers of the System.



To listen to music through Bluetooth headphones

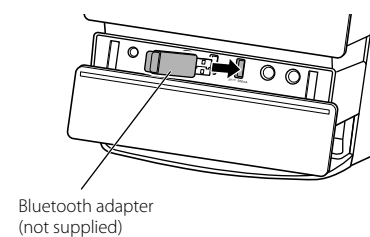
You can listen to the music played back on the System using Bluetooth headphones.



- Some Bluetooth audio players and headphones may not communicate with the System.

Preparation

- Connect the Bluetooth adapter (separately purchased) to the Bluetooth ADPT terminal on the front panel of the main unit.
- Do not use a USB extension cable to connect a Bluetooth adapter.



Recording Operations

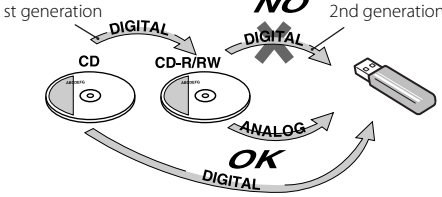
Before you Start Recording

- It may be unlawful to record or play back copyrighted material without the consent of the copyright owner.
- The recording level is not affected by the volume.
- For NX-D5/NX-D3/NX-DC3: You cannot record tracks while Mic Mixing is activated.
- For NX-D7: When Mic Mixing is activated, both the music and your singing is recorded in analog. Sound adjustments for Karaoke are also recorded.
- Key Control is not effective during Karaoke recording.
- You cannot record tracks while Karaoke Scoring is activated.
- Repeat Mode cannot be used for recording.
- You cannot record or edit tracks while you are setting My Sound.
- You can record up to 999 tracks to the USB device. If you try to record a track after recording 999 tracks, "TRACK FULL" appears on the display and the track will not be recorded.
- You cannot start recording into a USB device while "READING" is shown on the display.
- You cannot record tracks into the root folder.
- Do not disconnect a USB device while playing/recording/editing. It may cause malfunction.
- Do not vibrate the System while recording tracks. Take care especially while the REC indicator is flashing or while "WRITING" is shown on the display. It may damage the recorded tracks on the USB device.

About SCMS (Serial Copy Management System)

The System uses the Serial Copy Management System which allows only first-generation digital copies to be made of premastered software such as regular CDs.

If you try to record from a duplicated CD-R or CD-RW into the USB device, "SCMS ERROR" appears on the display. In this case, record in analog.



■ Recording from a Disc (for NX-D5/NX-D3/NX-DC3)

- You can record only from CD-DA discs.
- 1 Start and stop playback of the disc.**
- 2 Enter recording mode.**
 - CD USB REC
- 3 Select a group to record the tracks into using ◀◀/▶▶ buttons.**
- 4 Press CD USB REC (on the main unit) to start recording.**
 - When playback ends, recording also stops.
- To stop recording manually, press ■.**

■ Recording from a Disc (for NX-D7)

You can record sound from a disc onto the USB device connected to the USB 2 terminal.

- You can record the tracks on Audio CDs in digital recording. Sound from discs of other kinds is recorded in analog.
- You cannot record sound of DivX, ASF or MPEG files.
- You can also select analog recording for Audio CDs.

Before recording...

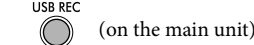
Connect a recordable USB device to the USB 2 terminal.

- Start and stop playback of the disc.
- Select the first track you want to start recording with.
 - (Not applicable to DVD and DVD-VR.)



The System records from the selected track to the last one.

- Enter recording mode.



- Press ◀◀/▶▶ buttons to select a group to record tracks into.

- If you select "FORM GR?", the System creates the new group.
- You can also give title to the new group before recording (see the next column).

- Press USB REC (on the main unit) to start recording.**
 - Both recording and playback start at the same time. When playback ends, recording also stops.
 - You cannot change the source while recording.
 - If Program Play is activated, the tracks are recorded in the programmed order.
 - If the remaining time exceeds 10 hours, "—" is displayed in the hour-digit.

To record in analog (for NX-D7)

When digital recording is prohibited, you can record in analog.

After step 2, press USB REC (on the main unit) more than 4 seconds.

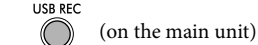
When "ANALOG REC?" is displayed, perform the following procedure from 3.

■ Recording from the Radio/External Equipment (for NX-D7)

Preparation:

- Connect a recordable USB device to the USB 2 terminal.
- To record from the external equipment, connect external equipment to the System.
- Make recording settings.

- Select "TUNER FM," "TUNER AM" or "AUDIO IN" as the source.
- For radio: Tune in to a desired station.
- Enter recording mode.



- Select a group to record the track into.



- You can also give title to the new group before recording. See below.

- Press USB REC (on the main unit) to start recording.**

- Press ◀◀/▶▶ buttons to select a group to record tracks into.**
 - If you select "FORM GR?", the System creates the new group.
 - You cannot change the source while recording.
 - When "MARKING" is set to "MANUAL MARK," press ENTER/SET at the position you want to divide the recorded track.
- Press ■ to stop recording.**

To give title to a new group before recording

If you select "FORM GR?" to record tracks into, you can give a group title before starting to record.

- After selecting "FORM GR?," press ENTER/SET.
- Edit the group title using the number buttons.
 - For entering a title, see "Editing Operations."
- Press ENTER/SET to finish the procedure.

Recording starts.

What is pairing

To use a Bluetooth audio player for the first time, you need to register the Bluetooth audio player on the System—pairing.

- Once you have registered a device, no pairing operation for the same device is required.
- You can register up to five devices for Bluetooth audio player, and up to other five devices for Bluetooth headphones. If you register the sixth device, registration of the first device is replaced.
- Only one device can be connected at a time.

Only "SYS INFO?" and "CANCEL?" can be selected when a Bluetooth device is connected to the System.

■ Listening to Bluetooth Audio Player



Pairing

- Select "Bluetooth" as the source.
- Press Bluetooth SETTING repeatedly to select "PAIRING?" then press ENTER/SET.
- Operate the pairing procedure on the Bluetooth audio player.
 - You see the name of the System ("NX-D7") on the Bluetooth audio player. If asked to input a PIN code, enter "0000."
 - For details on how to enter the PIN code, refer to the audio player manual.
 - "SUCCESS" appears on the display of the System and the pairing is completed.
 - Some Bluetooth audio players are automatically connected to the System after pairing. If not, establish connection manually (see the next column).
- Press ■ to stop recording.**

To listen to Bluetooth audio player

- Select "Bluetooth" as the source.
- Press Bluetooth SETTING repeatedly to select "RECEIVE?" then press ENTER/SET.
- Start playback on the Bluetooth audio player.
- You hear music from the speakers of the System.
- If the Bluetooth audio player supports AVRCP profile, you can operate it by the System (ex. skip, stop and pause). (Some Bluetooth audio players may not be controlled by the System.)

To turn off the sound from the Bluetooth audio player temporarily

Press Bluetooth SETTING repeatedly to select "CANCEL?," then press ENTER/SET.

To resume the sound, press Bluetooth SETTING repeatedly to select "RECEIVE?" then press ENTER/SET.

To change the device to connect

If you have registered several Bluetooth audio players, select which device is to be connected to the System.

- Press Bluetooth SETTING repeatedly to select "SELECT DV?" then press ENTER/SET.
- Select the device to connect using the cursor buttons, then press ENTER/SET.

If Bluetooth connection cannot be established

Try the following if "CAN'T CNNECT" appears on the display:

- Set the Bluetooth audio player ready to make connections (refer to the device's manual for details), press Bluetooth SETTING repeatedly to select "RECEIVE?" then press ENTER/SET.

■ Listening to Music Using Bluetooth Headphones

Pairing

- Turn on the Bluetooth headphones and set it ready to be found by the System.
 - See the headphones' manual for details.
- Select a source other than "Bluetooth."
- Activate Bluetooth transmitter.
- Press Bluetooth SETTING repeatedly to select "SEARCH DV?" then press ENTER/SET.



The System starts searching for Bluetooth headphones. The name of the first found device is displayed.

- Select the headphones you want to register using the cursor buttons, then press ENTER/SET.

- Enter the PIN code of the headphones on the System using the number buttons.

- PIN code is a four-digit number (ex. 8888) to identify the headphones. Refer to the headphones' manual for details.
- Press ENTER/SET to confirm your entry.
- "SUCCESS" appears on the display of the System and the pairing is completed.
- Sound from the speakers is muted, and you hear sound from the headphones.

To listen to music through Bluetooth headphone

- Select a source other than "Bluetooth."
- Prepare the headphones ready to receive the sound from the System.
 - Set the volume of the headphones to the minimum.
- Activate Bluetooth transmitter.

The System starts searching for the headphones.

- For some Bluetooth headphones, the System will try to connect the headphones automatically if the pairing is successful.

- Start playback on the System.
- Adjust the volume on the Bluetooth headphones.
 - If the Bluetooth headphones support AVRCP profile, you can operate the System (ex. play, pause, stop and skip) by using the keys of the Bluetooth headphones.
 - Sound Mode does not affect the sound through the Bluetooth headphones.

To turn off the sound from the headphones temporarily